

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078522.D
 Acq On : 22 Feb 2024 17:26
 Operator : RP/MD
 Sample : P1538-14
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 23 01:06:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	107931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	207319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	249574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46755	40.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.120%
35) Dibromofluoromethane	7.799	113	20863	15.842	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.680%#
50) Toluene-d8	10.269	98	267078	50.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.575	95	99252	64.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	129.480%

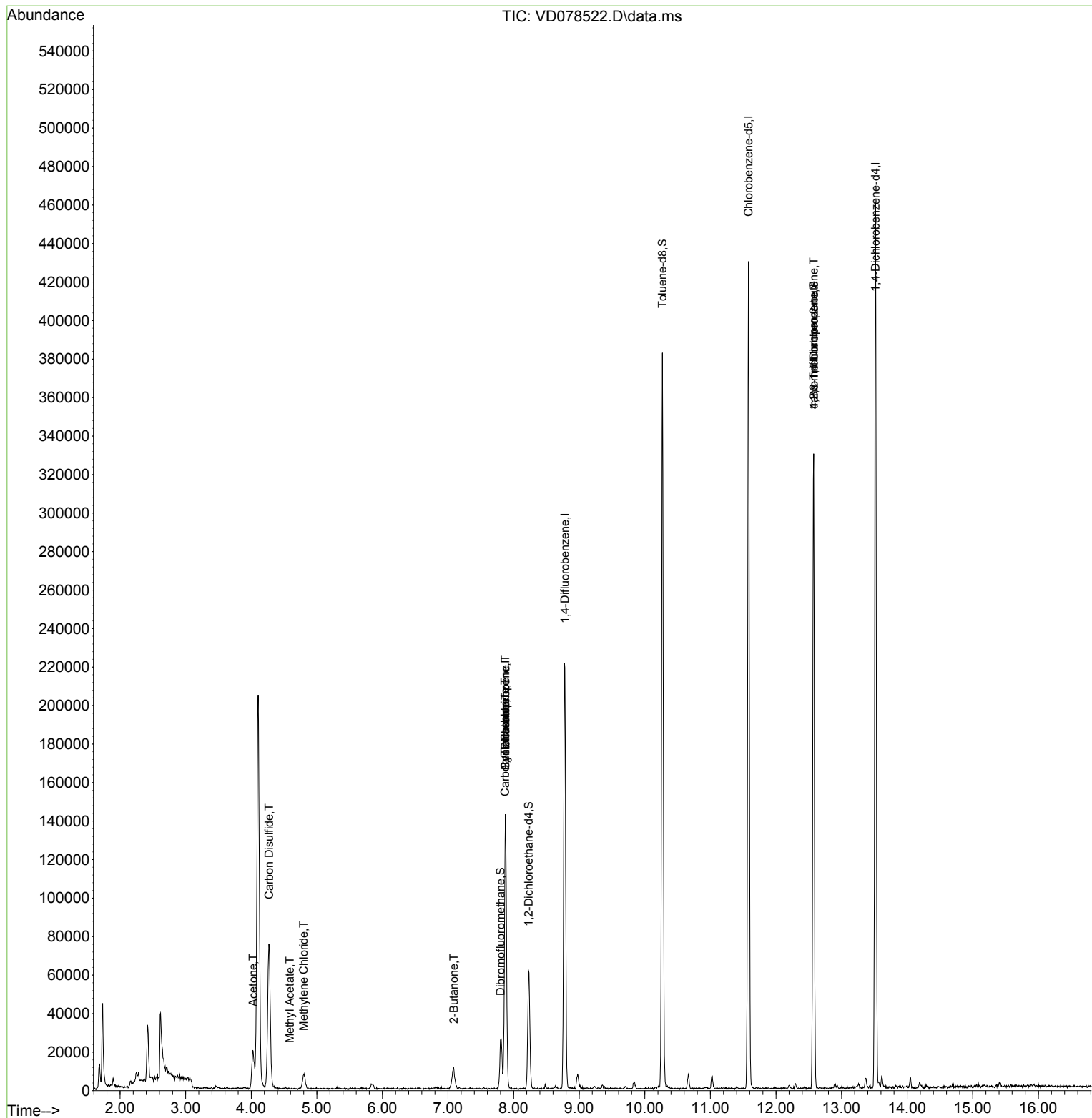
Target Compounds						Qvalue
16) Acetone	4.028	43	33385	135.748	ug/l	90
17) Carbon Disulfide	4.269	76	158282	39.979	ug/l	97
18) Methyl Acetate	4.587	43	62	4.008	ug/l #	42
20) Methylene Chloride	4.799	84	5978	1.527	ug/l	91
25) 2-Butanone	7.087	43	7969	12.006	ug/l #	87
31) Cyclohexane	7.875	56	2559	1.296	ug/l #	35
36) 1,1-Dichloropropene	7.875	75	8734	4.269	ug/l #	40
38) Carbon Tetrachloride	7.869	117	10771	5.316	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	52338	50.384	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	52338	104.597	ug/l #	17

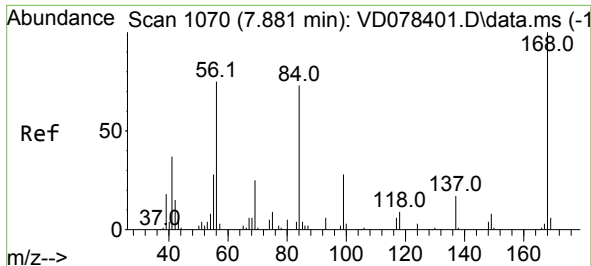
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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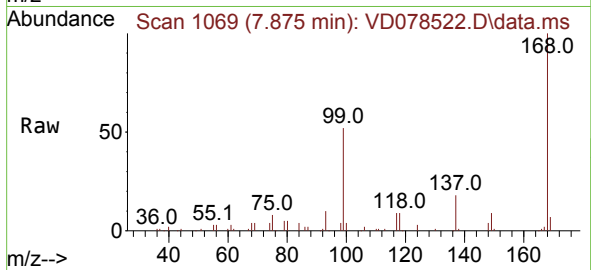
Quant Time: Feb 23 01:06:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration



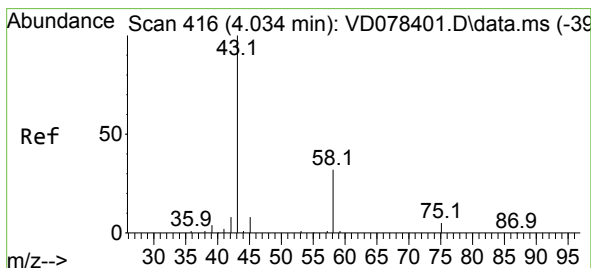
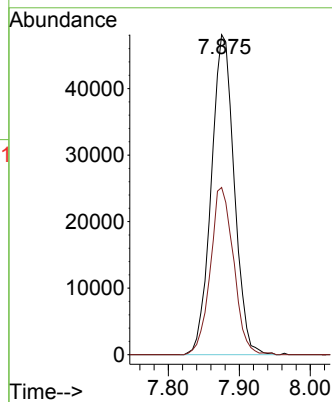
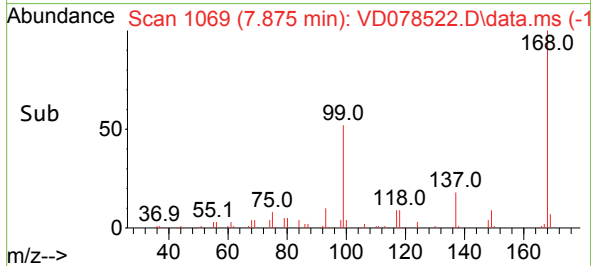


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :

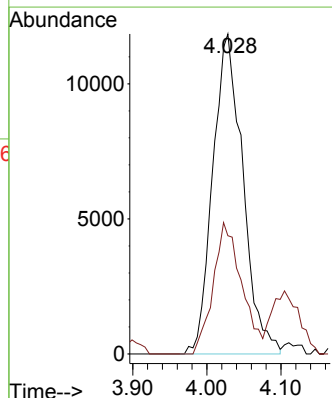
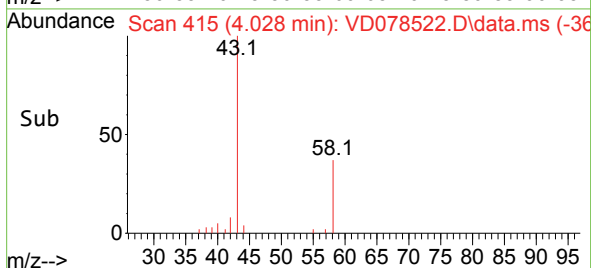
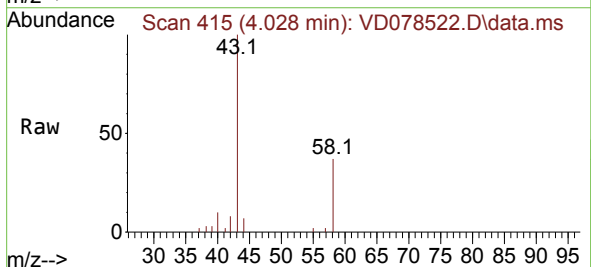


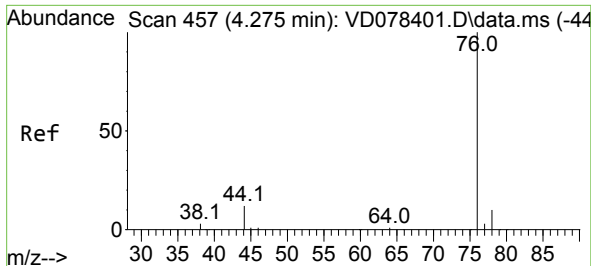
Tgt Ion:168 Resp: 107931
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1



#16
Acetone
Concen: 135.748 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Tgt Ion: 43 Resp: 33385
Ion Ratio Lower Upper
43 100
58 37.0 34.7 52.1

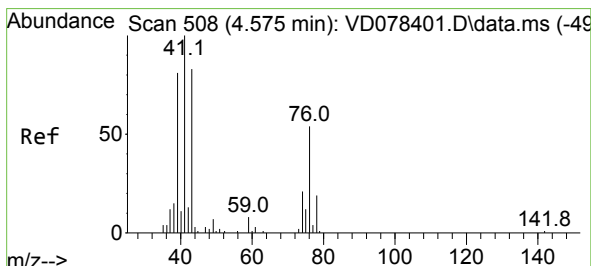
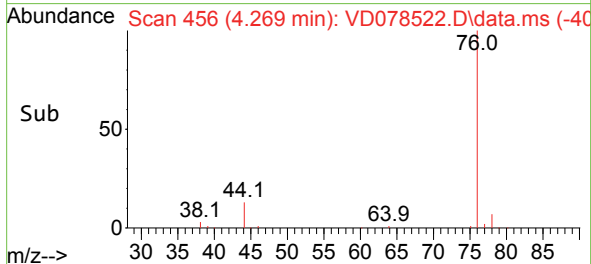
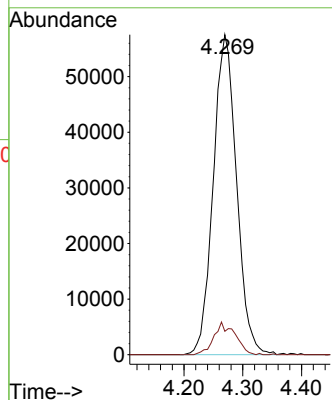
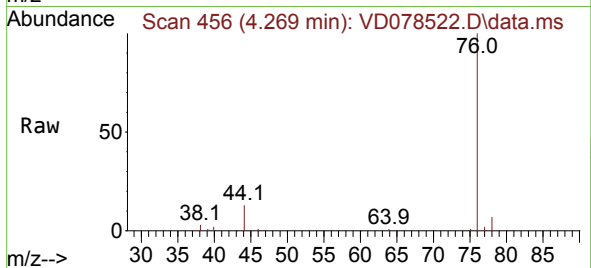




#17
Carbon Disulfide
Concen: 39.979 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

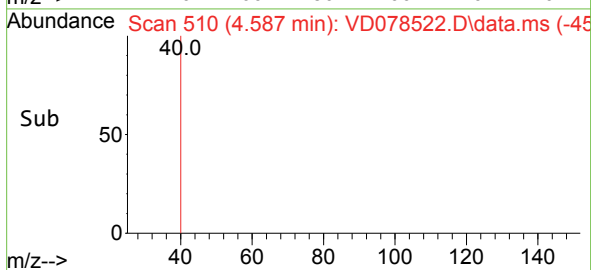
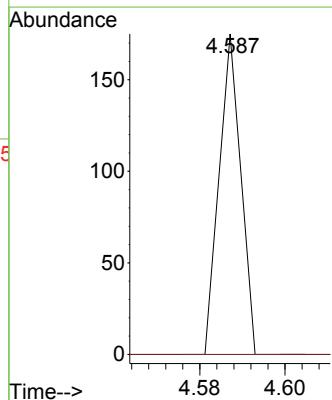
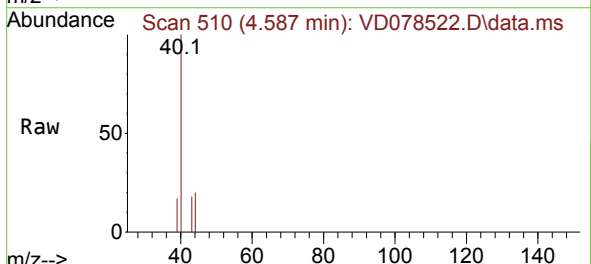
Instrument :
MSVOA_D
ClientSampleId :

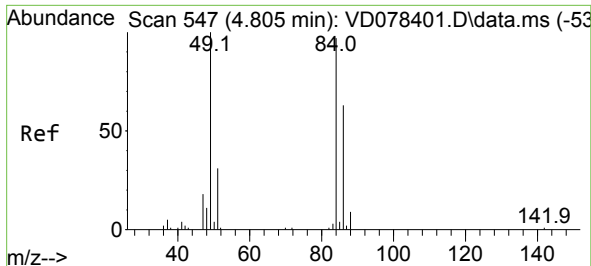
Tgt Ion: 76 Resp: 158282
Ion Ratio Lower Upper
76 100
78 7.3 6.8 10.2



#18
Methyl Acetate
Concen: 4.008 ug/l
RT: 4.587 min Scan# 510
Delta R.T. 0.012 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

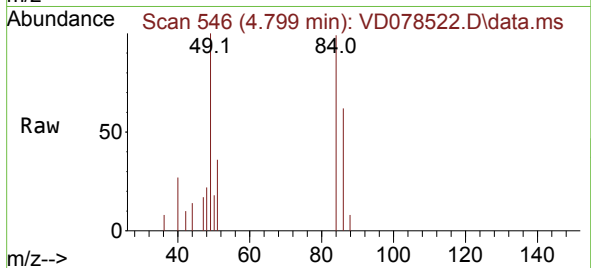
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



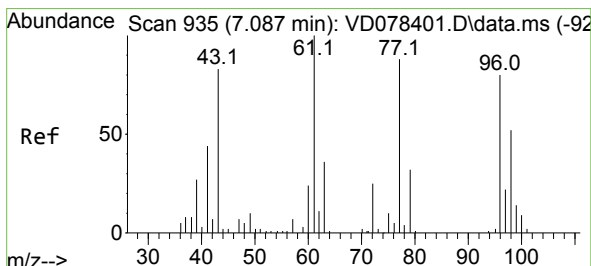
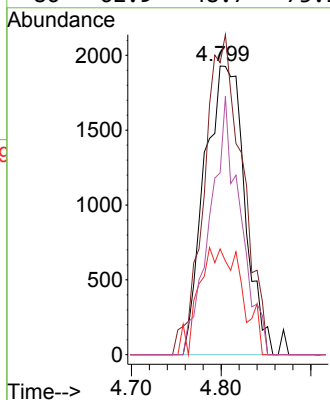
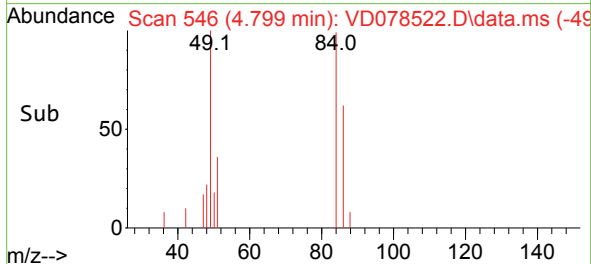


#20
Methylene Chloride
Concen: 1.527 ug/l
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :

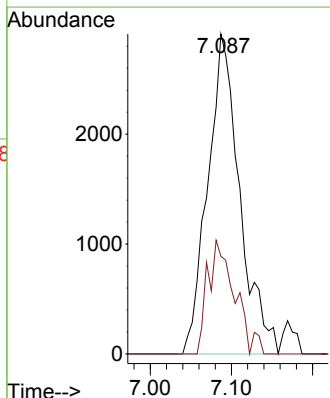
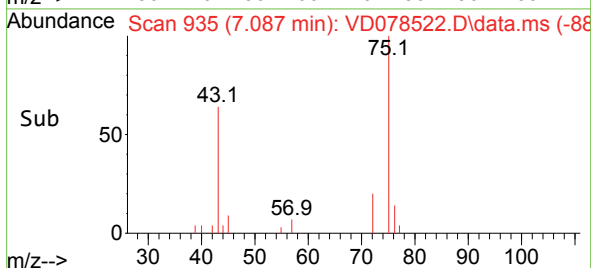
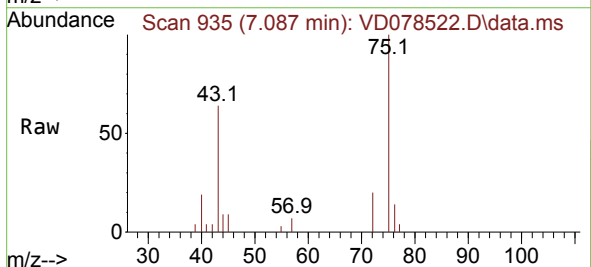


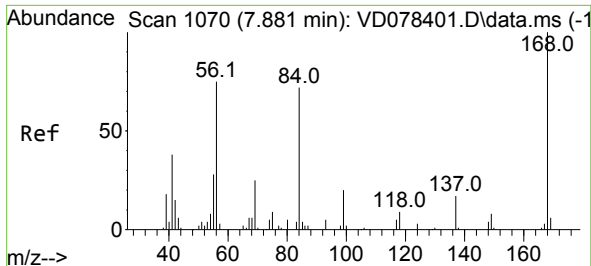
Tgt Ion:	84	Resp:	5978
Ion	Ratio	Lower	Upper
84	100		
49	101.1	71.4	107.2
51	36.7	24.5	36.7
86	62.9	48.7	73.1



#25
2-Butanone
Concen: 12.006 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

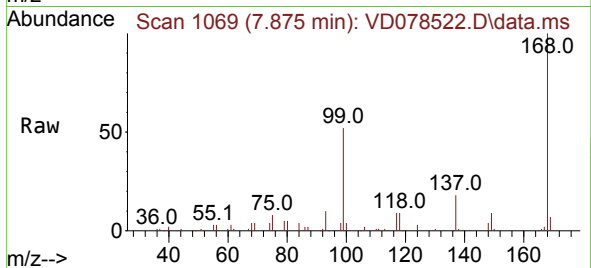
Tgt Ion:	43	Resp:	7969
Ion	Ratio	Lower	Upper
43	100		
72	30.6	30.7	46.1#



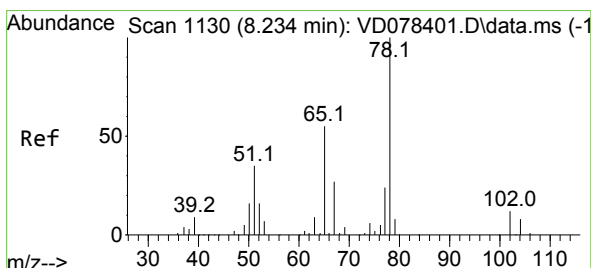
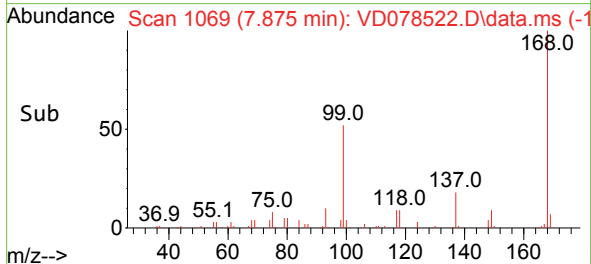
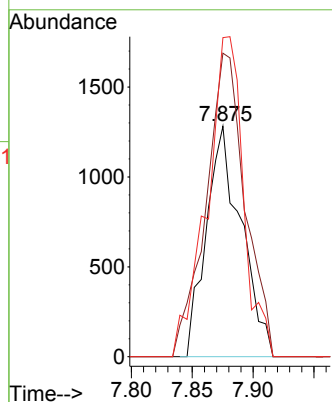


#31
Cyclohexane
Concen: 1.296 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :

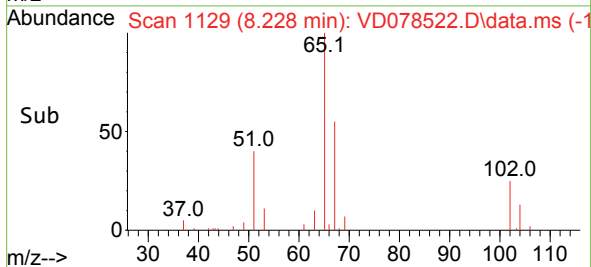
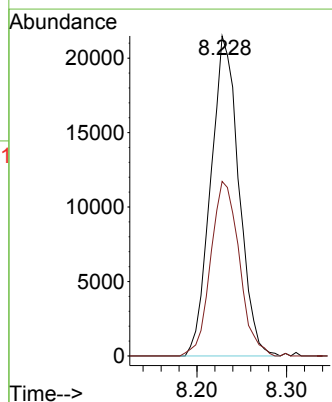
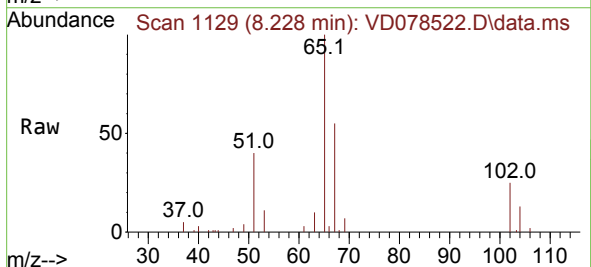


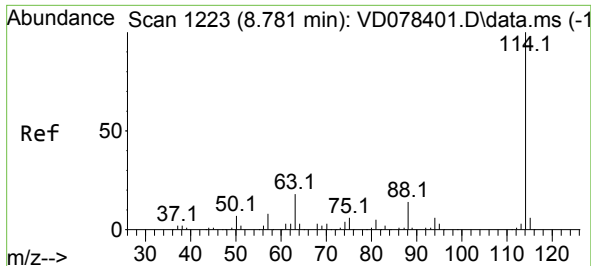
Tgt Ion: 56 Resp: 2559
Ion Ratio Lower Upper
56 100
69 131.7 28.6 43.0#
84 138.5 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 40.064 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Tgt Ion: 65 Resp: 46755
Ion Ratio Lower Upper
65 100
67 55.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078522.D

Acq: 22 Feb 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

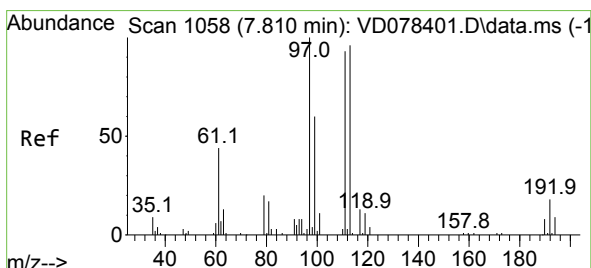
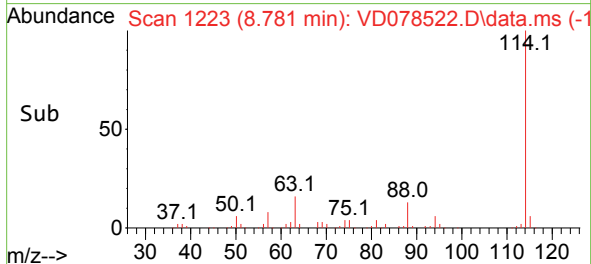
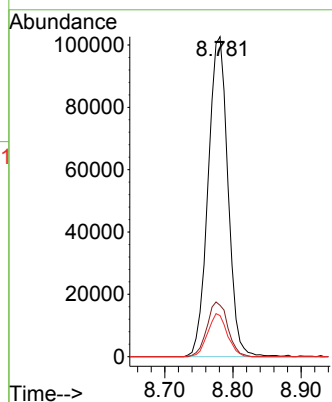
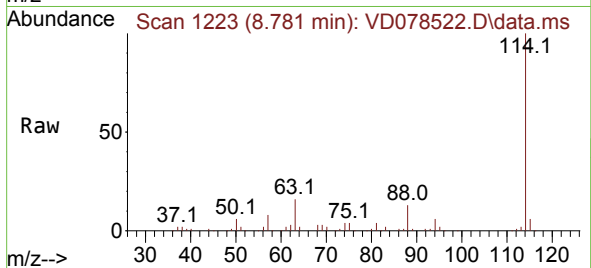
Tgt Ion:114 Resp: 207319

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.4

88 12.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 15.842 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.012 min

Lab File: VD078522.D

Acq: 22 Feb 2024 17:26

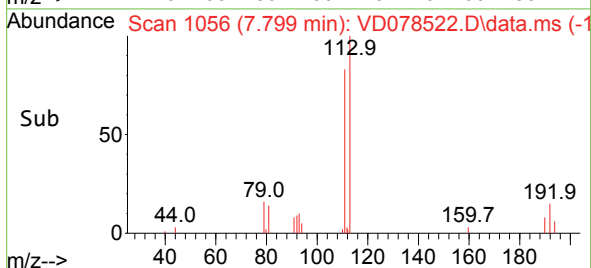
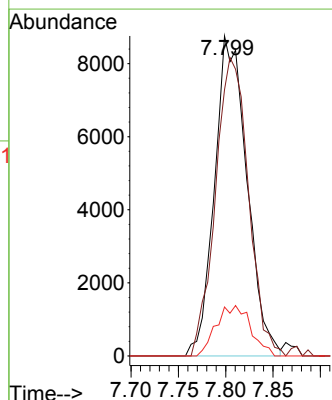
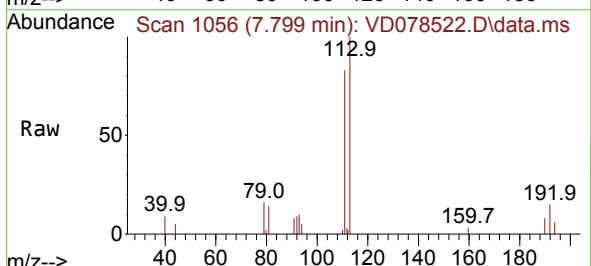
Tgt Ion:113 Resp: 20863

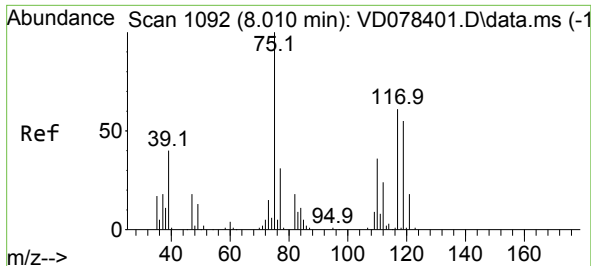
Ion Ratio Lower Upper

113 100

111 94.9 84.7 127.1

192 16.7 16.8 25.2#





#36

1,1-Dichloropropene

Concen: 4.269 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

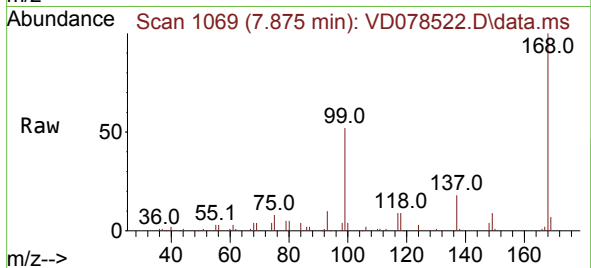
Lab File: VD078522.D

Acq: 22 Feb 2024 17:26

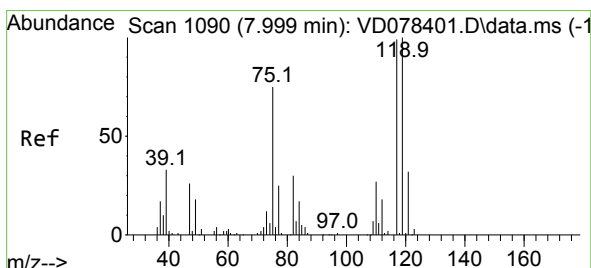
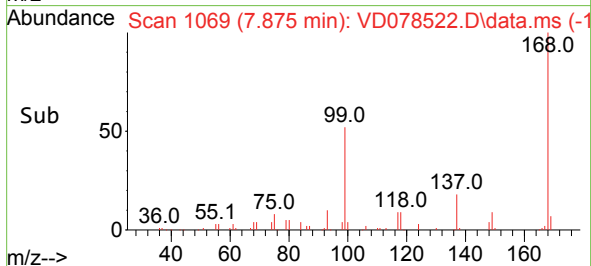
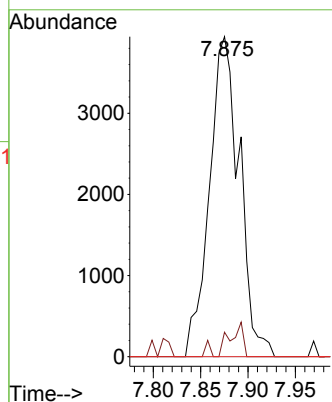
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 8734
Ion Ratio	Lower Upper
75	100
110	0.8 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.316 ug/l

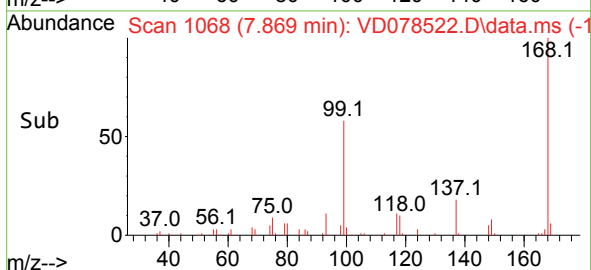
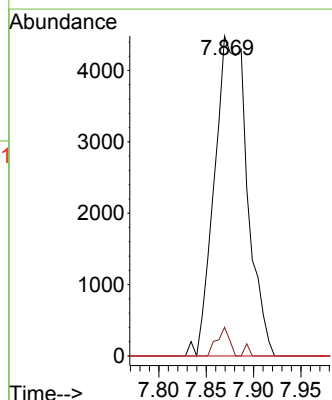
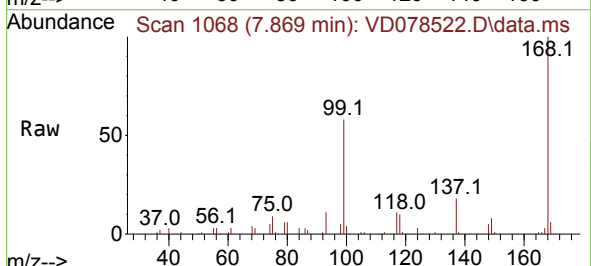
RT: 7.869 min Scan# 1068

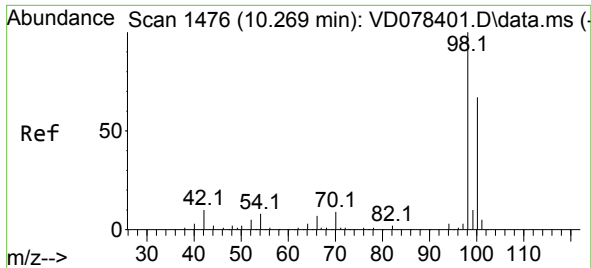
Delta R.T. -0.129 min

Lab File: VD078522.D

Acq: 22 Feb 2024 17:26

Tgt Ion: 117	Resp: 10771
Ion Ratio	Lower Upper
117	100
119	9.0 78.0 117.0#
121	0.0 24.2 36.2#

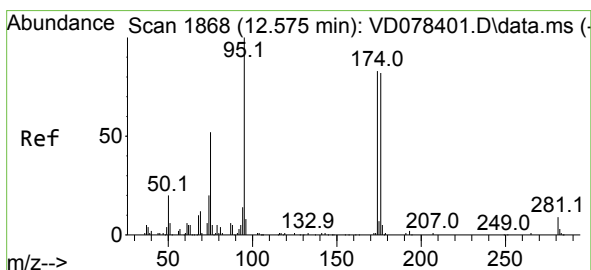
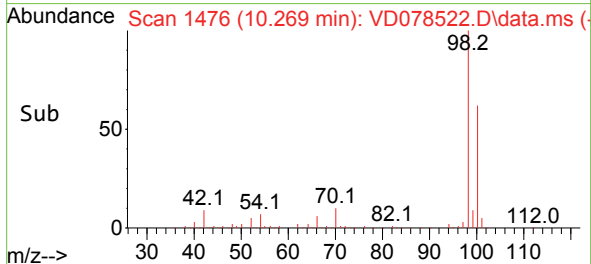
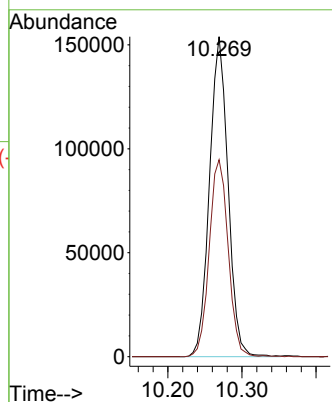
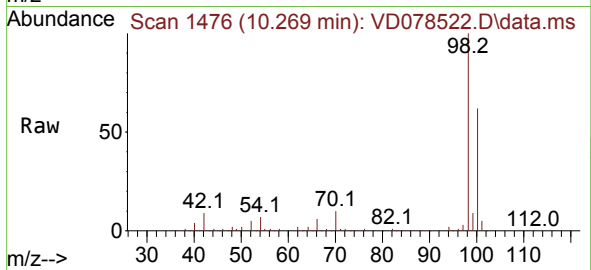




#50
Toluene-d8
Concen: 50.698 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

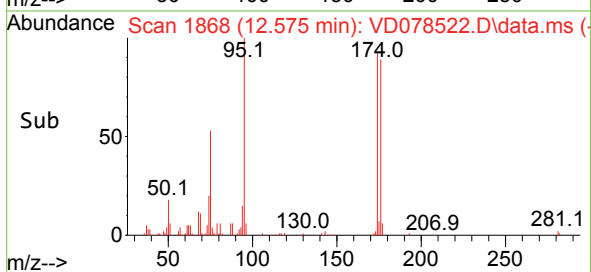
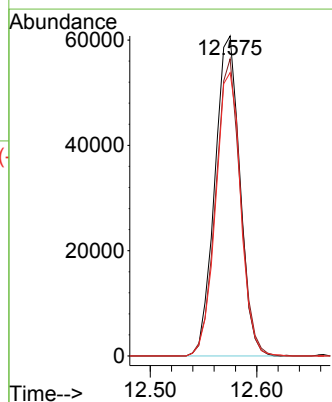
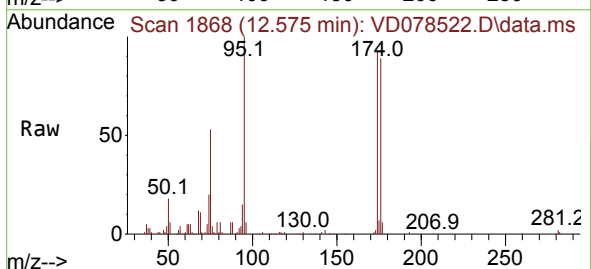
Instrument :
MSVOA_D
ClientSampleId :

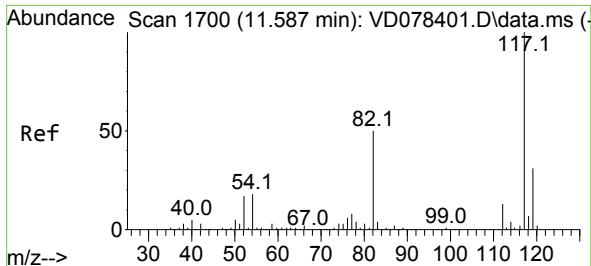
Tgt Ion: 98 Resp: 267078
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 64.742 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Tgt Ion: 95 Resp: 99252
Ion Ratio Lower Upper
95 100
174 91.5 0.0 201.8
176 88.5 0.0 191.8

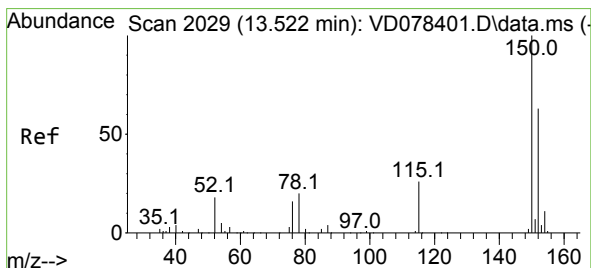
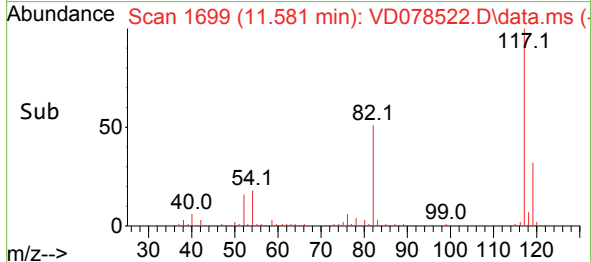
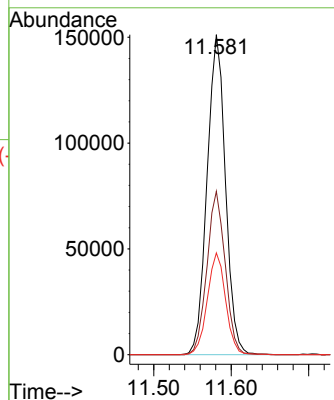
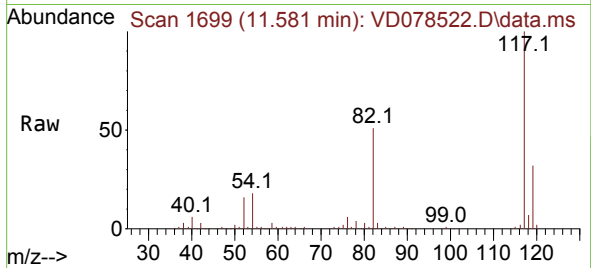




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

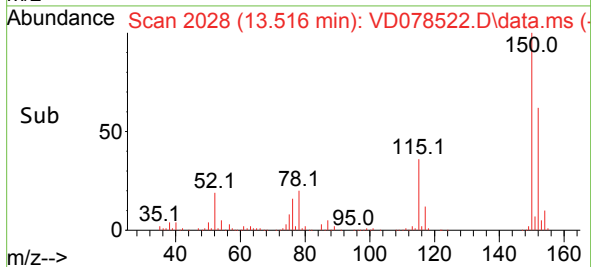
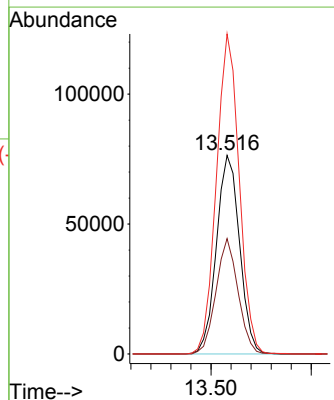
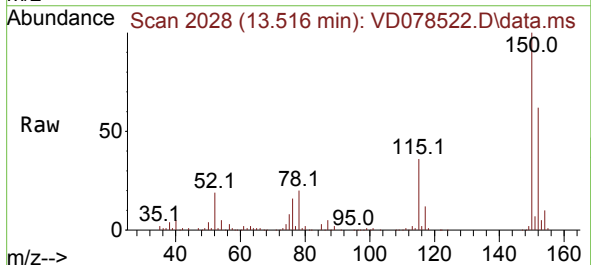
Instrument :
MSVOA_D
ClientSampleId :

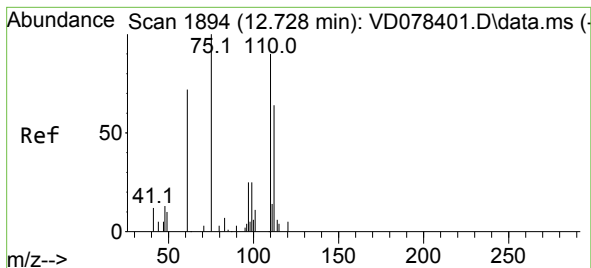
Tgt Ion:117 Resp: 249574
Ion Ratio Lower Upper
117 100
82 51.0 38.3 57.5
119 31.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078522.D
Acq: 22 Feb 2024 17:26

Tgt Ion:152 Resp: 122359
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 158.5 0.0 353.6





#76

1,2,3-Trichloropropane

Concen: 50.384 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD078522.D

Acq: 22 Feb 2024 17:26

Instrument :

MSVOA_D

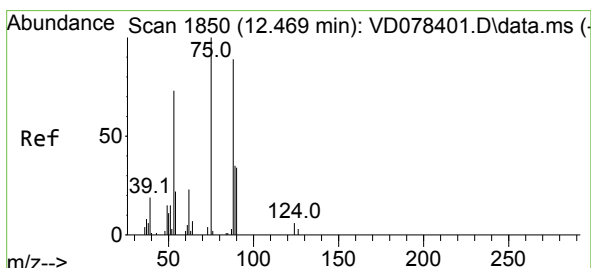
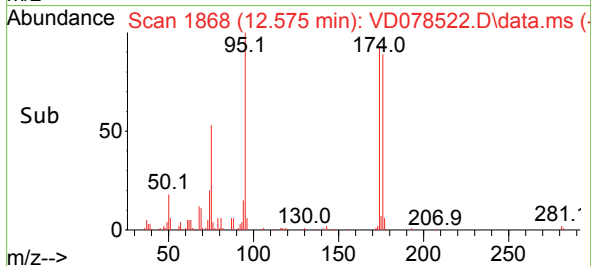
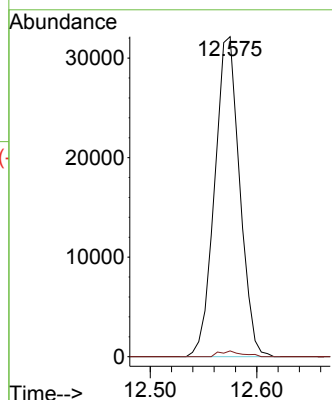
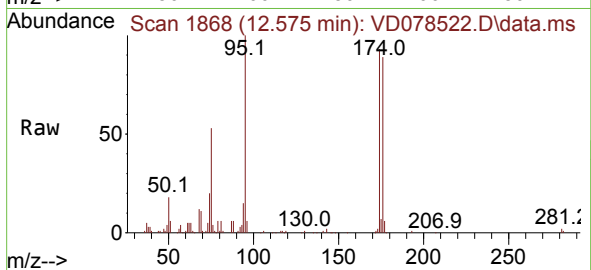
ClientSampleId :

Tgt Ion: 75 Resp: 52338

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.597 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD078522.D

Acq: 22 Feb 2024 17:26

Tgt Ion: 75 Resp: 52338

Ion Ratio Lower Upper

75 100

53 0.0 63.0 94.4#

89 0.0 37.9 56.9#

